

Form PTO-1449 (Rev. 8-83)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. 0756-2135		Serial No. Not Yet Assigned		
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Shunpei YAMAZAKI et al.						
		Filing Date: March 31, 2000		Group: 2871		JC553 U.S. PTO 0896 5/21/00		
U.S. PATENT DOCUMENTS								
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)		
KC	4,709,995	12/01/87	Kuribayashi et al.	—	—			
KC	4,697,887	10/06/87	Okuda et al.	—	—			
FOREIGN PATENT DOCUMENTS								
	Document Number	Date	Country	Class	Subclass	Translation Yes No		
KC	63-107381	05/12/88	Japan	—	—	Abstract		
KC	61-69036	04/09/86	Japan	—	—	Abstract		
KC	63-169691	07/13/88	Japan	—	—			
KC	61-103199	05/21/86	Japan	—	—			
KC	4-186287	07/03/92	Japan	—	—	Abstract		
KC	1-267619	10/25/89	Japan	—	—	Abstract		
KC	60-230121	11/15/85	Japan	—	—	Abstract		
KC	60-262133	12/25/85	Japan	—	—	Abstract		
KC	1-229229	09/12/89	Japan	—	—	Abstract		
KC	64-18758	01/30/89	Japan	—	—			
KC	GB 2,164,776		United Kingdom	—	—			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
Examiner	Kurt Clegg		Date Considered 5/30/03					
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

Form PTO-1449
(Rev. 8-83)U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No. 0756-2135

Serial No. Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant: Shunpei YAMAZAKI et al.

Filing Date: March 31, 2000

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U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
KC	5,495,353	2/27/96	Yamazaki et al.	359	59	4/1994
KC	5,055,899	10/8/91	Wakai et al.	359	59	4/1990
KC	5,051,570	9/24/91	Tsujikawa et al.	359	59	1/1990
KC	5,012,228	4/30/91	Masuda et al.	350	333	
KC	4,818,077	4/4/89	Ohwada et al.	350	333x	
KC	4,680,580	7/14/87	Kawahara	350	784	
KC	4,949,141	8/14/90	Busta	357	23.7	
KC	4,103,297	7/25/78	McGreivy et al.	350	334x	
KC	5,250,931	10/5/93	Misawa et al.	—	—	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No
KC	53-144297	12/15/78	Japan	340	784	Abst	
KC	64-68724	3/14/89	Japan	340	784	Abst	
KC	0 321 073	6/21/89	European	340	784	X	
KC	2-51129	2/21/90	Japan	340	784	Abst	
KC	1-130131	5/23/89	Japan	340	784	Abst	
KC	64-68728	3/14/89	Japan	—	—	Abst	
KC	2-294622	12/05/90	Japan	—	—	Abst	
KC	2-278749	11/15/90	Japan	—	—	Abst	
KC	49-77537	07/26/74	Japan	—	—	Abst	
KC	62-126677	06/08/87	Japan	—	—	Abst	
KC	63-100777	05/02/88	Japan	—	—	Abst	
KC	64-30272	02/01/89	Japan	—	—	Abst	
KC	2-234134	9/1990	Japan	349	138	X	

Examiner *Ken C*Date Considered *5/30/03*

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		Filing Date: March 31, 2000			Group: 2871		
U.S. PATENT DOCUMENTS							
Examiner Initial		Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if approp.)
KC		5,084,905	01/28/92	Sasaki et al.	—	—	
KC		5,200,846	04/06/93	Hiroki et al.	—	—	
KC		5,327,001	07/05/94	Wakai et al.	—	—	
KC		5,612,799	03/18/97	Yamazaki et al.	—	—	
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
KC		01-165172	6/29/89	Japan	—	—	abst.
KC		02-085826	3/27/90	Japan	—	—	abst.
KC		62-014472	01/23/87	Japan	—	—	abst.
KC		02-277244	11/13/90	Japan	—	—	abst.
KC		03-034434	2/14/91	Japan	—	—	abst.
KC		01-076036	3/22/89	Japan	—	—	abst.
KC		02-210330	8/21/90	Japan	—	—	abst.
KC		02-188723	8/24/90	Japan	—	—	abst.
KC		01-30272	2/1/89	Japan	—	—	abst.
KC		63-100777	5/2/88	Japan	—	—	abst.
KC		62-126677	6/8/87	Japan	—	—	abst.
KC		49-77537	7/26/74	Japan	—	—	abst.
KC		55-32026	3/6/80	Japan	—	—	abst.
KC		61-141174	6/23/86	Japan	—	—	abst.
KC		2-188723	07/24/90	Japan	—	—	abst.
KC		2-210330	08/21/90	Japan	—	—	abst.
KC		1-156725	06/20/89	Japan	—	—	X
KC		55-32026	03/06/80	Japan	—	—	X
KC		61-141174	06/28/86	Japan	—	—	X
Examiner <i>Kent C L</i>				Date Considered <i>5/30/03</i>			
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		Filing Date: March 31, 2000			Group: 2871		
U.S. PATENT DOCUMENTS							
Examiner Initial		Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if approp.)
KC		5,157,386	10/20/92	Uchida et al.	—	—	
KC		5,017,914	05/21/91	Uchida et al.	—	—	
KC		4,841,294	06/20/89	Clerc	—	—	
KC		4,036,553	07/19/77	Borel et al.	—	—	
KC		5,182,620	01/26/93	Shimada et al.	—	—	
KC		5,159,476	10/27/92	Hayashi	—	—	
KC		4,646,426	03/03/87	Sasaki	—	—	
KC		4,455,737	06/26/84	Godejahn, Jr.	—	—	
KC		4,557,036	12/10/85	Kyuragi et al.	—	—	
KC		4,646,426	03/03/87	Sasaki	—	—	
KC		4,468,855	09/04/84	Sasaki	—	—	
KC		4,746,628	05/24/88	Takafuji et al.	—	—	
KC		4,769,338	09/06/88	Ovshinsky et al.	—	—	
KC		4,868,137	09/19/89	Kubota	—	—	
KC		4,900,695	02/13/90	Takahashi et al.	—	—	
KC		4,905,066	02/27/90	Dohjo et al.	—	—	
KC		5,097,311	03/17/92	Iwase et al.	—	—	
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
KC		63-082177	1988	Japan	—	—	Abst
KC		0298255	1989	EPO	—	—	Abst
KC		0096636	1988	Japan	—	—	Abst
KC		58-32466	02/25/83	Japan	—	—	Abst
KC		58-81972	07/04/81	Japan	—	—	Abst
KC		58-124273	07/23/83	Japan	—	—	Abst
Examiner <i>KC</i>			Date Considered <i>5/30/03</i>				
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INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Shunpei YAMAZAKI et al.		
		Filing Date: March 31, 2000	Group: 2871	

U.S. PATENT DOCUMENTS

Examiner Initial		Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if approp.)
KC		4,938,565	07/03/90	Ichikawa	—	—	
KC		5,003,356	03/26/91	Wakai et al.	—	—	
KC		5,056,895	10/15/91	Kahn	—	—	
KC		4,239,346	12/16/80	Lloyd	—	—	
KC		5,251,071	10/93	Kusukawa et al.	—	—	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	No
KC		58-115864	07/09/83	Japan	—	—	Abst	
KC		59-214262	12/04/84	Japan	—	—	Abst	
KC		62-124769	06/06/87	Japan	—	—	Abst	
KC		0368260	05/06/90	EP	—	—	X	
KC		58-158967	09/21/83	Japan	—	—	Abst	

OTHER DOCUMENTS (Including Author, Title, Relevant Pages, Date, Place of Publication)

KC		1990 IEEE International Solid-State Circuits Conference Digest of Technical Papers; 16 Feb. 1990, San Francisco, CA, pgs. 220-221, XP000201945, S.N. Lee et al., "A 5x9 Inch Polysilicon Gray-Scale Color Head Down Display Chip"
KC		PROCESSING OF THE SID, Vol. 31, No. 4, 1990, Los Angeles, CA, pgs. 343-347, XP000207744, S. Takahashi et al., "A 10-in.-Diagonal 16-Gray-Level (4096 Color) a-Si TFT-LCD"
KC		Wolf et al., Silicon Processing for the VLSI ERA, Lattice Press, Volume 1, 1989, pages 151-154
KC		Wolf et al., Silicon Processing for the VLSI ERA, Lattice Press, Volume 2, pages 62-72.

Examiner Kat C Date Considered 5/30/03

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REV. PTO-1449
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U.S. Department of Commerce
Patent and Trademark Office
INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

Atty. Docket No.: 0756-2135

Sheet 1 of 1

Serial No. 09/540,896

Applicant: SHUNPEI YAMAZAKI ET AL.

Filing Date: 03/31/00

Group: 2871

U.S. PATENT DOCUMENTS

Examiner Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if approp.)
KC	4,066,918	01/03/78	HEUNER ET AL.	—	—	
KC	4,131,928	12/26/78	DAVIS ET AL.	—	—	
KC	4,393,380	07/12/83	HOSOKAWA ET AL.	—	—	
KC	4,523,189	06/11/85	TAKAHARA ET AL.	—	—	
KC	4,803,536	02/07/89	TUAN	—	—	
KC	4,876,584	10/24/89	TAYLOR	—	—	
KC	4,897,757	01/30/90	TAILLIET ET AL.	—	—	
KC	4,930,036	05/29/90	SITCH	—	—	
KC	5,068,748	11/26/91	UKAI ET AL.	—	—	
KC	5,087,955	02/11/92	FUTAMI	—	—	
KC	5,144,392	09/01/92	BROTHERTON	—	—	
KC	5,159,518	10/27/92	ROY	—	—	
KC	5,204,988	04/20/93	SAKURAI	—	—	
KC	5,220,443	06/15/93	NOGUCHI	—	—	
KC	5,585,949	12/17/96	YAMAZAKI ET AL.	—	—	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation Yes/No
KC	53-144297	12/15/78	JAPAN	—	—	ABST
KC	63-133124	06/04/88	JAPAN	—	—	ABST
KC	63-085586	04/16/88	JAPAN	—	—	ABST
KC	62-007167	01/14/87	JAPAN	—	—	ABST
KC	63-010558	01/18/88	JAPAN	—	—	ABST
KC	62-252964	11/04/87	JAPAN	—	—	ABST
KC	03-002838	01/09/91	JAPAN	—	—	ABST
KC	03-050528	03/05/91	JAPAN	—	—	ABST
KC	63-074034	04/04/88	JAPAN	—	—	ABST

OTHER DOCUMENTS (Including Author, Title, Relevant Pages, Date, Place of Publication)

KC	PHYSICAL MECHANISMS OF BREAKDOWN IN P-N JUNCTIONS, J.P. MCKELVEY, SOLID STATE AND SEMICONDUCTOR PHYSICS, 1971, SEC. 13.3, PP 424-428
KC	CMOS COOKBOOK, D. LANCASTER, HOWARD W. SAMS & CO., INDIANAPOLIS, IN (1977)
KC	THE ART OF ELECTRONICS, HOROWITZ ET AL., CAMBRIDGE UNIVERSITY PRESS, PP 182-184, 176-177

Examiner *KC*

Date Considered 5/30/03

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Form PTO-1449
(Rev. 8-83)

U.S. Department of Commerce
Patent and Trademark Office

Atty Docket 0756-2135

Serial No. 09/540,896

INFORMATION DISCLOSURE STATEMENT

Applicants: Shunpei YAMAZAKI et al.

Filing Date: March 31, 2000

Group Art Unit: 2775

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
kc	4,427,979	01/24/1984	Clerc et al.	—	—	
kc	4,559,535	12/17/1985	Watkins et al.	—	—	
kc	4,908,710	03/13/1990	Wakai et al.	—	—	
kc	5,113,181	05/12/1992	Inoue et al.	—	—	
kc	5,264,839	11/23/1993	Kanno et al.	—	—	



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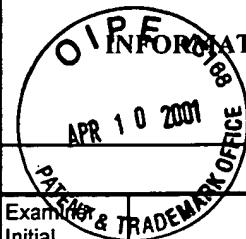
Date Considered 5/30/03

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Form PTO-1449
(Rev. 8-83)U.S. Department of Commerce
Patent and Trademark Office

Atty Docket 0756-21

Serial No. 09/540,896



Applicants: Shunpei YAMAZAKI et al.

Filing Date: March 31, 2000

Group Art Unit: 2775

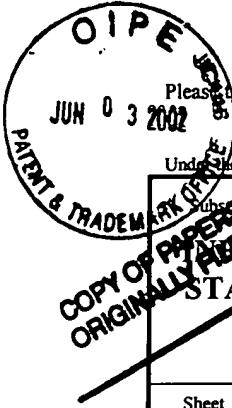
U.S. PATENT DOCUMENTS

Examiner Initial & TRADEMARK OFFICE	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
K C	5,200,876	04/06/1993	Takeda et al.	—	—	

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Examiner <i>Kent C</i>	Date Considered <i>5/30/03</i>
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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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<p style="text-align: center;">ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED</p> <p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>		<p style="text-align: center;">Complete if Known</p>	
		Application Number	09/540,896
		Filing Date	March 31, 2000
		First Named Inventor	Shunpei YAMAZAKI et al.
		Group Art Unit	2673
		Examiner Name	Unassigned
Sheet		of	Attorney Docket Number
			0756-2135

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FOREIGN PATENT DOCUMENTS

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Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴ (if known)				
KC		JP	63-10558		01/18/88		Full

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner Signature	Kent Clark	Date Considered	5/30/03
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if

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